

73. A chemical composition in accordance with Claim 34, whereby said plant materials are cultivated *in-situ* within contaminated environmental media.
74. A chemical composition in accordance with Claims 68, 69, 70, 71, 72 or 73, whereby said plant materials which are cultivated *in-situ* are subsequently exposed to one or more periods of freezing temperatures.
75. A chemical composition in accordance with Claim 24, whereby said solid-chemical composition is supplemented with a liquid-chemical composition comprising one or more *ingredients* selected from the group consisting of nitrates, nitrites, phosphates, surfactants, alcohols, vegetable oils, mineral oils, corn syrup, barley malt extract, molasses, humic acids, fulvic acids and chelating agents.
76. A method for the ~~the~~ *solid-* bioremediation of *hydrophilic* chemical contaminants in environmental media, whereby said chemical composition in accordance with Claims 24, 25, 26, 27, 28 or 29, is applied at a rate of about 0.1 g to 1000 g per Kg of said contaminated environmental media. *hydrophilic*
77. A method for the ~~the~~ *solid-* bioremediation of *hydrophobic* chemical contaminants in environmental media, whereby said chemical composition in accordance with Claim 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, or 63 is applied *for extracting and adsorbing* at a rate of about 0.1 g to 1000 g per Kg of said contaminated environmental media. *hydrophobic*

REMARKS - General

Claims 1 to 23 were rejected as being vague and indefinite for failing to recite proper Markush groups. Also, Claims 15 to 18 and 20 to 23 were objected to as being in improper form because a multiple dependent claim should be alternatively dependent only. Claims 1 to 23 have been canceled and replaced with claims 24 to 75, which incorporate proper Markush groups and which are alternatively dependent only.

Claims 1 to 23 were provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1 to 22 of co-pending Application No.

09/690,419. On 30 August 2001, applicant filed a Terminal Disclaimer to Obviate a Provisional Double Patenting Rejection Over a Pending Second Application for Application No. 09/690,419. In light of the filing of this Terminal Disclaimer, applicant respectfully requests that the rejection of the claims in Application No. 09/440,340 based on obviousness-type double patenting be removed.

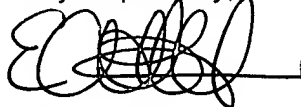
Conclusion

For all of the above reasons, applicant submits that the claims are now in proper form, that the claims all define patentably over the prior art, and that an obviousness-type double patenting issue no longer exists. Therefore, applicant submits that this application is now in condition for allowance, which action he respectfully solicits.

Conditional Request for Constructive Assistance

Applicant has amended the specification and claims of this application so that they are proper, definite, and define novel structure which is also unobvious. If, for any reason, this application is not believed to be in full condition for allowance, applicant respectfully requests the constructive assistance and suggestions of the Examiner pursuant to M.P.E.P. §2173.02 and §707.07(j) in order that the undersigned can place this application in allowable condition as soon as possible and without the need for further proceedings.

Very respectfully,

A handwritten signature in black ink, appearing to read 'Eric C. Hince', with a horizontal line extending to the right.

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16 January 2002

Eric C. Hince, Applicant